**Ankara Üniversitesi
Kütüphane ve Dokümantasyon Daire Başkanlığı**

**Açık Ders Malzemeleri**

Ders izlence Formu

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| --- | --- |
| Dersin Kodu ve İsmi | CHM216 |
| Dersin Sorumlusu | PROF.DR. MERAL KARAKIŞLA |
| Dersin Düzeyi | LİSANS |
| Dersin Kredisi | Kredi: 4, AKTS: 5 |
| Dersin Türü | ZORUNLU |
| Dersin İçeriği | Basic definitions in ElectrochemistryElectrolysis, describe and write of anode and cathode half reactionsElectrolytic ConductivityThe Types of ElectrolyteColligative Properties of Electrolytes The Degree of Dissociation of ElectrolytesChemical PotentialActivity and Related QuantitiesDebye-Hückel Limiting LawGalvanic CellsTypes of Electrodes and Electrode Reactions Rates of Chemical Reaction and Rate Laws Collision theory Reaction mechanism |
| Dersin Amacı | Understanding the electrochemical concepts, conductivity and it's applications, battery and battery types, electrolyses, corrosion, reaction kinetics mechanism of reactions, reaction rates and factors that affecting to reaction rates. |
| Dersin Süresi | 4 saat/hafta |
| Eğitim Dili | İNGİLİZCE |
| Ön Koşul | --- |
| Önerilen Kaynaklar | Introduction to Chemical Kinetics (Gordon B. Skinner)The Principles of electrochemistry (Duncan A. Maclnnes) |
| Dersin Kredisi | 4 |
| Laboratuvar | -- |
| Diğer-1 |  |